

HP LaserJet P1005/P1006/P1007/P1008 vs. Top Competitors



Devices competing with LaserJet P1005 & P1006 printers have serious shortcomings.

Competitor	Major strengths/weakness(es)	Specifics
Top HP Advantages in general	Worry-free printing	<ul style="list-style-type: none">• HP Instant-on fuser eliminates delays from Powersave, printing in 9 seconds.• Integrated toner cartridge simplifies toner replacement and ensures consistent PQ.• HP priority feed provides convenience for printing on various media.• World's smallest laser printer footprint!
Brother HL-2140	Slow warm-up, complex toner	<ul style="list-style-type: none">• The Brother printers take 21 seconds to warm up and print from Powersave• Brother uses a 2-piece toner+drum system with corona wire that requires cleaning.• The Brother uses a slower processor and consumes 2.3x as much power as HP.
Canon LBP3000	Poor PQ on images	<ul style="list-style-type: none">• Canon is 34% larger than HP overall, and has a 33% larger footprint.• Canon drivers are limited and don't support features such as Manual Duplex which simplify 2-sided printing.
Dell 1110	Slowest fuser warm-up in class	<ul style="list-style-type: none">• Wait less with HP – The Dell 1110 takes 30 sec. to warm-up and print from Powersave vs. 9 sec. for HP, which means the HP printer models can print about 4 – 6 pages from Powersave before the Dell prints its first page from Powersave.
Epson 6200L	Slow warm-up, complex toner	<ul style="list-style-type: none">• The Epson 6200L uses a 2-piece toner system, a separate toner supply and drum.• The Epson 6200L takes 21 seconds to warm-up and print from Powersave.• Epson uses slower USB 1.1 and uses a 48 – that's <i>forty-eight</i> – MHz processor.
Konica Minolta 1350W	Slow warm-up, complex toner	<ul style="list-style-type: none">• The 1350W uses a 2-piece toner system, a separate toner supply and drum.• The 1350W takes 21 seconds to warm-up and print from Powersave.• The 1350W uses slower USB 1.1 and a 48 – that's <i>forty-eight</i> – MHz processor.
Lexmark E120n	Slow warm-up, complex toner	<ul style="list-style-type: none">• The Lexmark E120n uses a 2-piece toner system, separate toner and drum.• The Lexmark takes 20 seconds to warm-up and print from Powersave.• The Lexmark E120n is 75% larger than the HP -- .0359 m³ vs. .0205 m³.
Samsung ML-2010R	Slow fuser warm up means more waiting	<ul style="list-style-type: none">• Wait less with HP – The Samsung takes 28 sec. to warm-up and print from Powersave vs. 9 sec. for HP, which means the HP printer models can print about 4 – 5 pages from Powersave before the Samsung prints its first page from Powersave.• Samsung supports USB 1.1, not high-speed 2.0 like HP (slower transfer rate).
Samsung ML-2510	Slow fuser warm up means more waiting	<ul style="list-style-type: none">• Wait less with HP – The Samsung ML-2510 takes 25 sec. to warm-up and print from Powersave vs. 9 sec. for HP. This means that the P1006/P1008 can print about 4 pages before the ML-2510 prints its first page from Powersave.• The Samsung ML-2510 uses a slower processor – 150MHz vs. 266MHz with HP.

HP Restricted



	HP	Brother	Canon	Dell	Epson	KMinolta	Lexmark	Samsung	Samsun
Specification	LaserJet P1005/7 P1006/8		LBP 2900 / 3000						
Engine	Canon	Brother	Canon	Samsung	K Minolta	K Minolta	Lexmark	Samsung	Samsung
Print speed – (letter,A4)	15,14/ 17,16	23, 22	NA, 12 / NA, 14	17, 16	NA, 20	21, 20	20, 19	22,20	25, 24
Resolution – best PQ	FastRes 1200	HQ1200	2400x600 equiv	600 dpi	600 dpi	1200 x 1200 effective	1200 IQ	1200 x 600	1200 x 600 effective
Monthly duty cycle	5,000	10,000	10,000	8,000	15,000	15,000	10,000	5,000	10,000
Memory – standard	2 MB / 8 MB	8 MB	2 MB	2 MB	2 MB	8 MB	16 MB	8 MB	8 MB
Processor	266 MHz	181 MHz	Not speced	150 MHz	48 MHz	48 MHz	183 MHz	150 MHz	150 MHz
Paper input	150 / 150 + 10	250 +1	150 + 1	150+1	150	150	150 + 15	150 + 1	250 + 1
Connectivity	Hi-speed USB 2.0	Full-speed USB 2.0	USB 2.0	USB 2.0	Parallel, USB 1.1	Parallel, USB 1.1	USB 2.0, 10/100	USB 1.1	USB 2.0, parallel
PDLs	Host-based	Host-based	Host-based	Host-based	Host-based	Host-based	PCL 6 em	Host-based	Host-based
Warranty	1 yr limited	1 yr on-site (EU) / 1 yr ltd exchg	1 year	1 yr phone, 90 day exchange	1 year onsite	1 year exchange	1 year exchange	1 Year	1 Year
U.S. street price	129/ 179	120	NA	119	NA	NA	149	NA	129
EMEA street price (incl ~19% VAT)	80/120	133	91 / 124	86	140	194	142	80	106
U.S. cost per page	4.1	3.8 – 3.3	NA	3.3	NA	NA	4.5 – 3.5 ("return pgm" supplies)	2.7	2.7
Euro cpp (incl. VAT, from bechtle.com)	3.2	3.2 – 2.8	2.6	3.3	2.8	2.6 – 2.3	2.8 "return pgm" supplies	2.1	2.1
Consumables yield – (in pgs)	1500	1500 std, 2600 hi-cap	2.5K, 6K	2000	3,000	3000 std, 6000 hi-cap	2,000	3,000	3,000
Toner in the box	700	1500	2000	1000	1,500	1,500	500	1,000	1,000
Imaging unit yield	NA	12,000	NA	NA	20,000	20,000	25,000	NA	NA
FPO from Powersave	8.5	21.5	10	30	21	21	20	28	25
Annual power consumption	39 kWh TEC	90 kWh TEC	Not available	73 kWh TEC	Not available	Not available	126 kWh TEC	107 kWh TEC	107 kWh TEC